



## Short Safety Subject

Additional Short Safety Subjects are available on the First Region (ROTC) Web Site at:

[www.rotc1.bragg.army.mil/SAFETY/SSS1.htm](http://www.rotc1.bragg.army.mil/SAFETY/SSS1.htm)

### Cuts And Burns



Nicks, cuts, scratches and burns. Minor injuries that can occur to any one of us no matter how careful we are. Minor injuries to the skin that are often ignored, but it must be remembered that skin is a vital organ; one that should not be ignored. Not only is skin the largest bodily organ, it also keeps the good stuff in and the bad stuff out. So what do you do when you get a minor injury? If you are like many, you realize a doctor's visit is not necessary and try to treat the injury yourself. How do you know when to seek professional treatment? How do you treat injuries that do not require a doctor's visit?

#### Cuts:

Cuts require immediate professional attention if:

- There is severe bleeding, especially arterial wounds, which literally pump blood from the body.
- Puncture wounds, such as those caused by a rusty nail or animal bite. These will require a tetanus booster shot.
- Cuts more than one half inch long and one quarter inch deep, which may require stitches.

To treat any cut, first stop the bleeding and then treat to prevent infection. Place a sterile gauze (or if you do not have any gauze, a clean cloth) over the wound and hold it until the bleeding stops. Apply pressure continuously. If the gauze or cloth soaks through, simply place another cloth over the first and resume the pressure. When the bleeding has stopped, wash the cut with soap and water, followed by a disinfectant. If the bleeding does not stop, get professional treatment. After the cut is clean, look for any foreign objects in the cut and remove them. If you do not, a threatening infection may set in. To aid in keeping the wound clean while it heals, you can cover it with a bandage. However, if you use a bandage, remember it will need attention too. Change it twice daily and use an antibiotic cream to prevent further infection. Keep in mind that wounds exposed to air heal faster. But it is also very important to keep a wound clean and dry to prevent infection. Treatment for a scrape is the same, except you do not have to worry about stopping blood flow as there is very little.

## **Burns:**

Burns are classified as first, second, or third degree. A first degree burn causes redness. Blistering is caused by a second degree burn. Charred, blackened or blanched skin are signs of a third degree burn. Furthermore, burns can be caused by heat (thermal burns) or by contact with chemicals. Seek professional, medical treatment for:

- All third degree burns.
- Second degree burns involving more than one fifth of the body or if the burn has affected the face, hands, feet, or genitalia.

First aid treatment for a burn involves relief of pain, infection prevention and treatment or prevention of shock. If a burn begins to blister, cool it by placing your hand or foot in cold, still, not running water. You will need to use an ice pack on any other part of the body. Gently clean the burn and cover the area with a sterile, *non-stick* gauze. Change the dressing twice a day. Never puncture a blister. This just opens the door for infection. Never use butter, oils, or petroleum jelly on burns.

If the burn is due to a chemical exposure, flush the burned area with running water for at least 15 minutes. While you flush, remove any contaminated clothing, especially clothing in the area of the burn. Check the first aid instructions for the chemical. These are found on the container. Treat as specified. Cover the burn with a clean dressing and call a doctor.

- If a third degree burn is involved, get professional medical treatment quickly. Call an ambulance first. While awaiting professional help, make sure any fire is out and/or remove the victim from the burn source. **DO NOT REMOVE ANY CLOTHING OR APPLY ANY DRESSINGS.** Treat for shock and make sure the victim is still breathing.

Use common sense in all situations. Maintain a well stocked first aid kit and be familiar with first aid procedures. Being knowledgeable and prepared may be the smartest first step of all.